

TripleAirTEARDROP^{IP54}

Application

IP54 surface mounted, linear LED luminaire (Teardrop) for use in microelectronic, semi-conductor and pharmaceutical cleanrooms (Laminar Flow Units LAF's)

Designed to integrate with aluminium extruded grid ceiling systems from 50mm+

For areas where a higher IP rating is required— pharmaceutical laminar air flow units LAF

Designed to minimise disturbance to laminar air flow

For use in clean rooms up to and including ISO 14644-1 Class 1

Features

IP54 rating

Available in 600mm, 900mm, 1200mm and 1500mm lengths

Satin Opal PMMA internal linear prismatic diffuser

Screw fixed 1.5mm steel powder coated end caps with closed cell gaskets

Demountable gear tray

Housing—0.8mm powder coated steel (RAL9003)

Terminal connection block with strain relief for up to 2.5mm² cables.

3hr self contained emergency options

Yellow LED version available for use in photosensitive process areas.

5yr warranty



Clean Room Filtration and Lighting Technology

TripleAir Technology are suppliers of high quality HEPA and ULPA filtration, ceiling grid systems and luminaires for the clean room industry. We offer fully integrated ceiling solutions for projects and cleanroom facilities.

TripleAir TEARDROP IP54

Product Range

Standard Product Codes	IP Rating	Length (mm)	Power (W)	CRI Colour	Output (lm)	Optic	Driver
TATDIP54 600 15w LED 840 DO FO	IP40	600	15W	840	1850	DO	FO
TATDIP54 600 20w LED 840 DO FO	IP40	600	20W	840	2400	DO	FO
TATDIP54 900 20w LED 840 DO FO	IP40	900	20W	840	2470	DO	FO
TATDIP54 900 27w LED 840 DO FO	IP40	900	27W	840	3240	DO	FO
TATDIP54 1200 28w LED 840 DO FO	IP40	1200	28W	840	3450	DO	FO
TATDIP54 1200 39w LED 840 DO FO	IP40	1200	39W	840	4680	DO	FO
TATDIP54 1500 34w LED 840 DO FO	IP40	1500	34W	840	4150	DO	FO
TATDIP54 1500 46w LED 840 DO FO	IP40	1500	46W	840	5520	DO	FO

Options

Driver/Circuit Type—FO Fixed Output / DALI Dali Dimming
 CRI/Colour—840 CRI80 4000K / 940 CRI90 4000K

Example - TATDIP54 1200 20W LED 2470 940 DO DALI

Emergency Options (Add suffix to end)

EM3—3 hour integral emergency
 EM3ST—3 hour integral self testing emergency
 EM3DALI—3 hour integral DALI emergency
 Example - TATDIP54 1500 34W LED 840 DO FO EM3ST

Note—not available on 600mm version

Low UV LED Luminaires

We provide a range of LED luminaires for use in areas where photosensitive manufacturing processes take place. These processes require Ultra Violet and blue spectrum light to be kept to a minimum. We employ the latest LED technology which saves energy and reduces maintenance, and negates the use of UV blocking filters and foils.

Application

Semi-conductor and microelectronics manufacturing (photolithography and photoengraving)

Pharmaceutical manufacturing where photosensitive processes and Active Pharmaceutical Products (APIs) are used

Any process that requires protection from UV and blue spectrum light

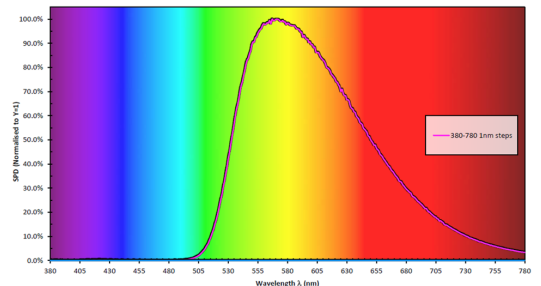
Options

For low UV versions of our Teardrop luminaires change the colour and CRI values to **Yellow**

Example - TATDIP54 1200 30W LED **Yellow** DO FO
 (IP54 1200mm 30watt LED luminaire with Low UV Yellow LEDs non-dimming)

* For lumen outputs and Idt files please contact TripleAir

Yellow LED Light Spectrum



TATDIP54 with Yellow LEDs



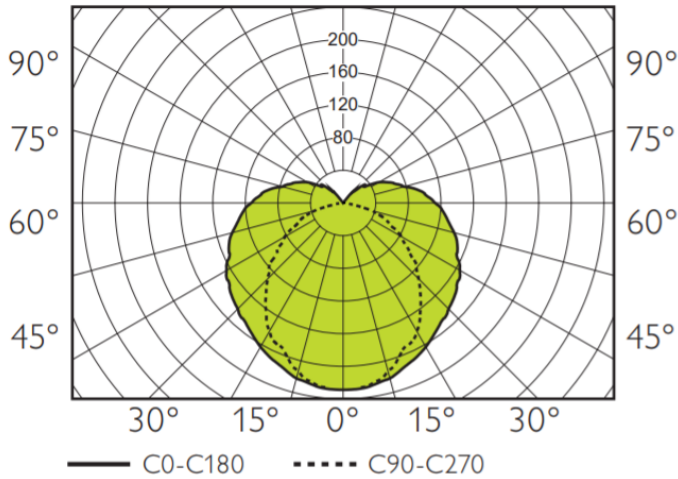
Clean Room Filtration and Lighting Technology

Visit our website to view our full range of HEPA and ULPA filters, safe change units, fan filter units, ceiling grid systems and cleanroom luminaires.

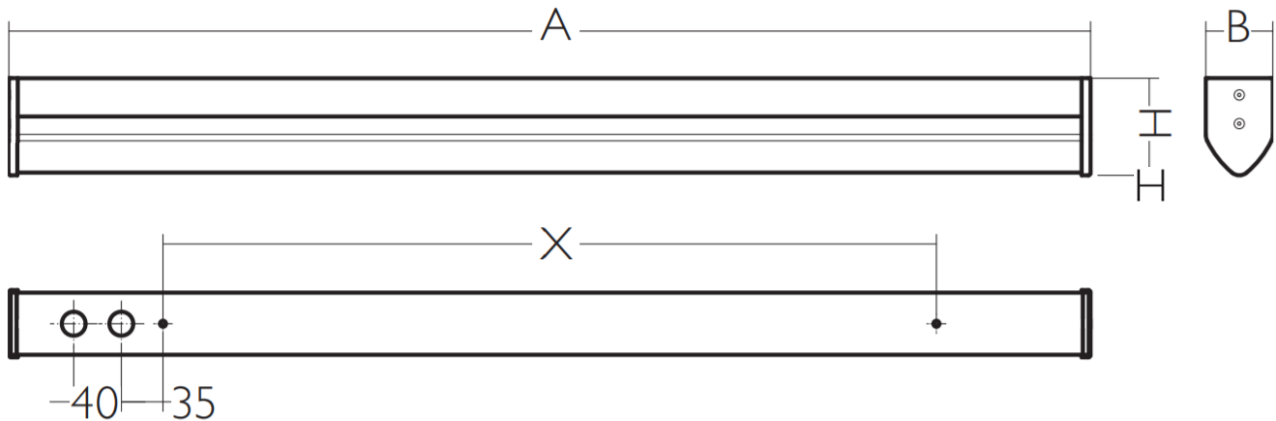
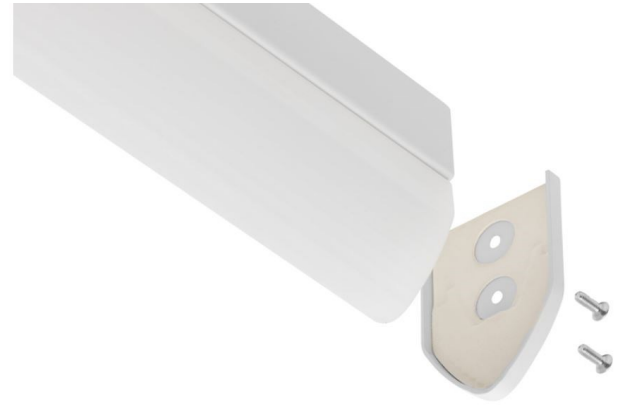
TripleAirTEARDROP IP54

Weights and Dimensions

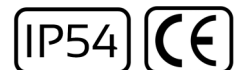
Photometric Distribution



Teardrop IP54 End Cap Detail



Product Type	A (mm)	X (mm)	B (mm)	H (mm)	Weight kg
TATDIP54 600	600	350	52	81	1.4
TATDIP54 900	900	650	52	81	2.0
TATDIP54 1200	1200	950	52	81	2.6
TATDIP54 1500	1500	1000	52	81	3.2



TripleAir Technology Ltd
 (Sales, Engineering & Manufacture)
 41A Colbourne Crescent,
 Nelson Park Industrial Estate,
 Cramlington, England,
 NE23 1WP.
T +44(0)1670 739394
E info@tripleairtechnology.co.uk

TripleAir Technology BV (Sales & Production)
 P.O. Box 2204, 7801 CE, Emmen
 Columbusstr. 30, 7825 VR, Emmen,
 The Netherlands
T +31(0)591 630607 **F** +31(0)591 631099
E info@tripleair-technology.com